

**Petition To Amend the TV Table of Assignments:**

Smoky Hills Public Television Corp. proposes the addition of DTV channel 19 to Colby, Kansas. Further, Smoky Hills Public Television Corp. requests that the channel be allocated as "educational."

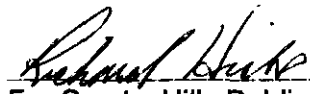
Channel 19, can be allotted to Colby at the Colby center city reference coordinates of N. Lat. 39 23 45, W. Long. 101 03 07. The computer channel study in Attachment A lists the minimum spacings required for the allocation of new DTV stations as per the requirements of section 73.623(d) of the Commission's rules. The proposed allocation will meet all required spacings to full service TV and DTV stations as well as protect Class CA LPTV stations. Since the allocation reference coordinates are also the principal city coordinates there should be no question as to the proposal's ability to provide the necessary city-grade signal to the principal city.

The allocation will provide a first-service to Colby, Kansas, population 5,450. Significant first-service coverage will be provided to Logan and Wallace Counties. Second-service will be provided to Thomas and Sherman counties. (See the map in Attachment B) The proposal will add the first "educational" service to the entire area of the proposed allotment's grade B signal contour as shown on the attached map. A total of 62,491 people will be served by the proposed allotment.

Smoky Hills Public Television Corp. hereby declares that it will be an applicant for the proposed channel if its Petition is acted upon favorably by the Commission.

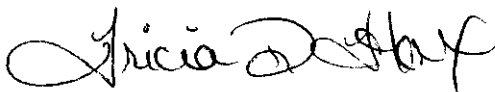
The engineering portions of this Petition were prepared by Doug Vernier, a consulting engineer whose qualifications are a matter of record with the Commission. Attachment C is a statement of his qualifications.

Signed,

 Date 7/29/03

For Smoky Hills Public Television Corp.  
604 Elm St. (P.O. Box 9)  
Bunker Hill, KS 67626





## DTV Search - Colby KS

Attachment A

## REFERENCE

39 23 45 N

ZONE = 2 DTV

101 03 07 W

## DISPLAY DATES

DATA 07-22-03

SEARCH 07-25-03

..... Channel 19 , 500 MHz .....

Call	Channel	Location	Dist	Azi	FCC	Margin
N. Lat.	W. Lng.		Power	HAAT		
K19EG LI	19N Holyoke		CO 166.70	318.5	> 291.87	-125.17
40 30 37	102 21 33	XN	3.460 kW	145 M		
	Region 1 Translator Associ		BLTT20011114AAO			
K19EG CP	19N Holyoke		CO 166.70	318.5	> 287.77	-121.07
40 30 37	102 21 33	XN	0.740 kW	145 M		
	Region 1 Translator Associ		BPTT20011106AAT			
K15CG LI	15- Oakley		KS 35.25	150.9	> 055.48	-20.23
39 07 07	100 51 10	XN	8.340 kW	159 M		
	Smoky Hills Public Televis		BLTT19901226IT			
ALK15C AL	15- Oakley		KS 34.29	150.0	<24.1 >96.6	-10.19
39 07 42	100 51 12	AN	5000.000 kW	600 M		
	Smoky Hills Public Televis					
K23BU LI	23N Goodland		KS 44.12	280.8	> 040.15	3.97
39 28 09	101 33 20	XN	7.980 kW	179 M		
	Smoky Hills Public Televis		BLTT19901226IU			
KWNBTV ALD	18 HAYES CENTER		NE 136.46	0.7	<24.0 >110.0	26.46
40 37 29	101 01 58	D	1000.000 kW	216 M		
			BMLCT722			
KWNB-D CP	18 Hayes Center		NE 136.55	0.8	<24.0 >110.0	26.55
40 37 32	101 01 45	DTY	1000.000 kW	198 M		
	Pappas Telecasting Of Cent		BPCDT19991101AIJ			
KWNB-D ST	18 Hayes Center		NE 136.55	0.8	<24.0 >110.0	26.55
40 37 32	101 01 45	DTN	0.532 kW	121 M		
	Pappas Telecasting Of Cent		BDSTA20020307ACN			
KTVG-D CP	19 Grand Island		NE 258.34	54.1	> 223.70	34.64
40 43 44	98 34 13	DTY	1000.000 kW	186 M		
	Hill Broadcasting Company,		BPCDT19991015ABA			
KTVG ALD	19 GRAND ISLAND		NE 258.34	54.2	> 223.70	34.64
40 43 43	98 34 12	D	50.000 kW	187 M		
			BLCT930402KK			
KTVG-D ST	19 Grand Island		NE 258.34	54.1	> 223.70	34.64
40 43 44	98 34 13	DTN	5.300 kW	139 M		
	Hill Broadcasting Company,		BDSTA20020307ACM			

Call N. Lat.	Channel W. Lng.	Location	Dist Power	Azi	HAAT	FCC	Margin
KTVG-D ST 40 43 44	19 98 34 13	Grand Island DTN	NE 258.34 10.600 kW	54.1	139 M	> 223.70	34.64
Hill Broadcasting Company, BMDSTA20021114ACO							
KBSHTV ALD 38 53 01	20 99 20 15	HAYS D	KS 158.76 1000.000 kW	110.5	<24.0 >110.0 216 M		48.76
BLCT1759							
KBSH-D CP 38 53 01	20 99 20 14	Hays TY	KS 158.78 1000.000 kW	110.5	<24.0 >110.0 216 M		48.78
Media General Broadcasting BPCDT19991015ABF							
AL029 AL 39 45 24	22- 99 19 16	Phillipsburg AN	KS 154.02 5000.000 kW	74.3	<24.1 >96.6 600 M		57.42
K18FO LI 39 43 50	18N 102 28 56	Idalia & S. Yuma XN	CO 128.41 0.590 kW	287.3	214 M	> 064.71	63.70
Region 1 Translator Associ BLTT20010919ABC							
K20HM CP 39 43 50	20N 102 28 56	Idalia XN	CO 128.41 0.590 kW	287.3	213 M	> 064.69	63.72
Region 1 Translator Associ BNPTT20000821ACI							



**Declaration:**

I, Douglas L Vernier, declare that I have received training as an engineer from the University of Michigan School of Engineering. That, I have received degrees from the University in the field of Broadcast Telecommunications That, I have been active in broadcast consulting for over 30 years;

That, I have held a Federal Communications Commission First Class Radiotelephone License continually since 1964. In 1985, this license was reissued by the Commission as a lifetime General Radiotelephone license no. PG-16-16464;

That, I am certified as a Professional Broadcast Engineer (#50258) by the Society of Broadcast Engineers, Indianapolis, Indiana (Re-certified 10/2000 )

That, my qualifications are a matter of record with the Federal Communications Commission,

That, I have been retained the Smoky Hills Public Television Corp. to prepare the engineering showings appended hereto


That, I have prepared these broadcast engineering showings, the technical information contained in same and the facts stated within are true of my knowledge,

That, under penalty of perjury, I declare that the foregoing is correct.

 Douglas L Vernier

Executed on July 28, 2003

Subscribed and sworn before me this July 28, 2003

  
Notary Public in and for the State of Iowa

